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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant(s): Dennis James Herrell

Title: CROSSTALK CANCELLATION FOR INTEGRATED CIRCUIT
PACKAGE CONFIGURATION

Application No.: 09/431,640

Filed:

November 1, 1999

Examiner: T. Tran

Group Art Unit:

2841

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R. Tran
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January 15, 2002

COMMISSIONER FOR PATENTS
Washington, DC 20231

RESPONSE TO NON-FINAL OFFICE ACTION

This paper is responsive to a Non-Final Office action dated October 3, 2001, having a shortened statutory period for response set to expire January 3, 2002.

AMENDMENT

In the Claims

Please amend the claims as follows:

- B¹
1. (Amended) An electrical assembly comprising:
traces extending toward respective off-assembly connections; and
integrated transformer structures defined along the traces to induce compensating
crosstalk signals having opposing polarity to initial crosstalk signals associated
with mutual coupling between adjacent of the off-assembly connections, wherein
one or more of the integrated transformer structures each comprise an aperture in
a voltage plane of the electrical assembly, and essentially parallel portions of
corresponding pairs of the traces, the essentially parallel portions traversing the
aperture.